

# AARON A. PEREZ

Full Stack Developer | React | TypeScript | Next.js | .NET | C#

(209) 470-2061 | [aaperez06@gmail.com](mailto:aaperez06@gmail.com)

LinkedIn: [linkedin.com/in/aaronaperezdev](https://www.linkedin.com/in/aaronaperezdev) | Portfolio: [aaronaperez.dev](https://aaronaperez.dev)

Stockton, California

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## PROFESSIONAL SUMMARY

Full Stack Developer with IT experience and specialized training in modern web technologies. Recent CodeStack Academy graduate with expertise in React, TypeScript, Next.js, and .NET development. Proven track record of building SEO-optimized, accessible web applications with measurable performance improvements. Experience in complete project lifecycle from architecture design to deployment, automated testing, and ongoing maintenance. Strong background in quality assurance, technical troubleshooting, and user-focused application development.

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## TECHNICAL SKILLS

### Frontend Development:

React, TypeScript, JavaScript, Next.js, HTML5, CSS3, Tailwind CSS, Chakra UI, Bootstrap, React Bootstrap, Responsive Design, Mobile-First Development

### Backend Development:

C#, .NET, Node.js, MySQL, RESTful APIs, JSON, Swagger, Postman, API Development, Database Design

### Development Tools & DevOps:

Git, Azure, Vercel, Vite, CI/CD Pipelines, Automated Deployment, Performance Optimization, Environment Variables

### Specializations:

SEO Optimization, Accessibility (WCAG Compliance), Quality Assurance Testing, Test-Driven Development, Technical Documentation, User Experience Design

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## EDUCATION

### Full Stack Web Development Program

[CodeStack Academy](#)

September 2023 - April 2025

### Bachelor of Applied Science - Information Systems & Cyber Security

[ITT Technical Institute-Lathrop](#)

2014 - 2016 | GPA: 3.5

### Associate of Science - Network System Administration

[ITT Technical Institute-Lathrop](#)

2012 - 2014

## PROFESSIONAL EXPERIENCE

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### Full Stack Developer | AMP Vending Machines

Modesto, CA | March 2025 - Present

- Architected and developed complete digital presence for AMP Vending Machines using Next.js, TypeScript, and React, delivering modern responsive website showcasing premium vending solutions
- Implemented advanced SEO strategies including structured data (JSON-LD), dynamic meta tag generation, and OpenGraph optimization, resulting in enhanced search engine visibility and improved organic traffic
- Developed accessibility-compliant components following WCAG guidelines, ensuring inclusive user experiences across all devices and assistive technologies
- Created scalable component architecture with reusable UI elements, custom hooks, and responsive design patterns adapting seamlessly across mobile, tablet, and desktop platforms
- Integrated multiple third-party services including email automation systems, Google Maps integration, form validation with Zod schemas, and analytics tracking for comprehensive business insights
- Designed and implemented comprehensive product catalog system showcasing vending machine specifications with dynamic routing and optimized image delivery
- Established automated deployment pipelines and performance optimization strategies, ensuring fast load times and reliable uptime for business-critical operations

### User Support Specialist | San Joaquin County Office of Education

Stockton, CA | August 2017 - January 2025

- Performed quality assurance testing and validation for educational software systems, identifying bugs and verifying fixes to ensure system reliability and data integrity
- Collaborated with development teams to document software issues and validate solutions, improving overall system quality and reducing user-reported problems
- Applied technical troubleshooting methodologies to diagnose complex system problems, reducing downtime by 30% and improving user satisfaction scores
- Ensured data integrity and compliance for SEIS (Special Education Information System) and CALPADS reporting systems, maintaining accuracy for critical educational data
- Communicated technical concepts clearly to users of varying technical backgrounds, improving user adoption rates and reducing support ticket volume by 25%
- Utilized ticket management systems to track and prioritize technical issues, optimizing resolution workflows and implementing efficient problem-solving processes

### Information Systems Analyst | San Joaquin County - Information Systems Division

Stockton, CA | February 2017 - May 2017

- Provided technical support and troubleshooting for county systems and applications, maintaining 99% system uptime and ensuring user productivity
- Managed user access and implemented security protocols ensuring data protection and compliance with organizational policies and security standards
- Documented technical processes and solutions for knowledge base, improving team efficiency and reducing problem resolution times by 40%